ATTACHMENT A

General Waste Discharge Requirements Order No. R1-2006-0107
North Coast Regional Water Quality Control Board

Metals to be sampled for in background monitoring well(s):

Aluminum
Antimony
Arsenic
Barium
Beryllium
Bromide
Cadmium
Chromium (Total)
Chromium (III)
Chromium (VI)
Cobalt
Copper
Iron
Lead
Manganese
Mercury
Molybdenum
Nickel
Selenium
Silver
Thallium
Vanadium
Uranium
Zinc

Table of parameters to be addressed in the monitoring plan:

Constituent	**Sample medium**	**Suggested Frequency**	**Duration**
PH	Groundwater	Daily	During injection
PH	Groundwater	Quarterly	Until attainment of background conditions
Site specific contaminants and all breakdown products	Groundwater	Quarterly	Until attainment of background conditions
Total dissolved solids	Groundwater	Quarterly	First year
Total dissolved solids	Groundwater	Semiannually	Until attainment of background conditions
Chemical oxygen demand	Groundwater	Quarterly	Until attainment of background conditions
Dissolved O_2	Groundwater	Quarterly	First year

Constituent	Sample medium	Frequency	Duration
Dissolved O_2	Groundwater	Semiannually	Until aquifer returns to background conditions
Dissolved CO_2	Groundwater	Quarterly	First year
Dissolved CO_2	Groundwater	Semiannually	Until aquifer returns to background conditions
Temperature	Groundwater	Daily	During injection
Temperature	Groundwater	Quarterly	Until aquifer returns to background conditions
Metals (dissolved)	Groundwater	Quarterly	First year
Metals (dissolved)	Groundwater	Semiannually	Until aquifer returns to background conditions
Oxygen reduction potential	Groundwater	Quarterly	First year
Oxygen reduction potential	Groundwater	Semiannually	Until aquifer returns to background conditions
Chemical oxidant impurities	Groundwater	Quarterly	First year
Chemical oxidant impurities	Groundwater	Semiannually	Until aquifer returns to background conditions
Chemical oxidant	Groundwater	Quarterly	First year
Chemical oxidant	Groundwater	Semiannually	Until aquifer returns to background conditions
Bromate	groundwater	quarterly	Until aquifer returns to background conditions
Ozone	Air	Daily	During injection and until background levels are reached
Volatile Organic Compounds	Air	Daily	During injection and until background levels are reached